

SPECIFICATION SHEET

VERSION 3 **VERSION DATE** 19/09/22 **PRINT DATE** 17/11/25

PRODUCT AMBRETTOLIDE

APPLICATIONS Industrial raw material not intended for direct use.

IUPAC NAME OXACYCLOHEPTADEC-10-EN-2-ONE

SYNONYMS (10E)-OXACYCLOHEPTADEC-10-EN-2-ONE,

HEXADEC-9-EN-1,16-LACTONE,TRANS-DELTA(9)-ISO

FORMULA C₁₆ H₂₈ O₂ **MOLECULAR WEIGHT** 252,39 28645-51-4 CAS CAS 2 63286-42-0 249-120-7 **EINECS FEMA** 4145 180B CoF **FDA** 172.515 TARIFF NUMBER 2932209090

SPECIFICATIONS

VERSION 3 VERSION DATE 19/09/22

ASPECT AT 20°C SLIGHT VISCOUS CLEAR LIQUID COLOUR COLORLESS TO PALE YELLOW FLORAL, MUSKY, SWEET, PLEASANT TASTE MUSK SEED OIL, RIPE, BLACKBERRY

DENSITY AT 20°C (g / ml) 0,945-0,955

DENSITY 25/25

REFRACTIVE INDEX nD20 1,4760–1,4820

REFRACTIVE INDEX nD25 OPTICAL ROTATION (°) /
BOILING POINT (°C) FLASH POINT (°C) 97

ASSAY (% GC) > 98 (SUM OF ISOMERS); MAJOR PEAK TRANS>97%

ACID VALUE (mg KOH/g)

SOLUBILITY NEARLY INSOLUBLE IN WATER

VAPOUR PRESSURENOT DETERMINEDOTHER SOLUBILITIES1:1 v/v ETHANOL 96°

OTHER TECHNICAL DATA HEXADEC-9-EN-1,16-LACTONE > 97% (trans,

(10E)-OXACYCLOHEPTADEC-10-EN-2-ONE, TRANS-DELTA(9)-ISOAMBRETTOLIDE).

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

WE BELIEVE THE ABOVE INFORMATION TO BE CORRECT BUT WE DO NOT PRESENT IT AS ALL INCLUSIVE AND AS SUCH SHOULD BE USED AS A GUIDE. IT IS THE SOLE RESPONSIBILITY OF THE RECEIVER OF OUR PRODUCT TO COMPLY WITH EXISTING REGULATIONS AND INSTRUCTIONS. THIS PRODUCT HAS NOT BEEN FILTERED DUE TO TECHNICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.

PRODASYNTH SAS